

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Donald S. Fritz

Serial No.: To be assigned

Filed: Herewith

For: SEMICONDUCTOR PACKAGE WITH

STRESS INHIBITING INTERMEDIATE

MOUNTING SUBSTRATE

Group Art Unit: To be assigned

Examiner: To be assigned

Attorney Docket No.: 9818-053-999

White I

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

- 1. Enclosures accompanying this Information Disclosure Statement are:
 - 1a. A list of all patents, publications, applications, or other information submitted for consideration by the office.
 - 1b. A legible copy of:

 - Each publication or that portion which caused it to be listed on the PTO-1449;
 - For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion;
 - all other information or portion which caused it to be listed on the PTO-1449.
 - 1c.

 An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.

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1d.		_	planations of relevancy (ATTACHMENT 1(d), hereto) or English language stracts of the non-English language publications.							
⊠ T ⊠	nation Disclosure Statement is filed under 37 C.F.R. §1.97(b): three months of the filing date of a national application other than a continued application under §1.53(d);									
	□ Within three months of the date of entry of the national stage as set forth international application;									
⊠	Be	fore	the mailing of the first Office action on the merits;							
0	□ Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.									
sr C	ecifi .F.R.	ed in §1.1	nation Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period a 37 C.F.R §1.97(b), but before the mailing date of any of a final action under 37 13, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise ecution in the application.							
			(Check either Item 3a or 3b)							
3a.			The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.							
3b.			e \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. 97(c) is: enclosed to be charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.							
(I	tem 3	Bb to	be checked if any reference known for more than 3 months)							
			nation Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.							
The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed.										
		to b	be charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.							
T	he Ce	ertific	cation Statement in Item 5 below is applicable.							
□ C	ertific	catio	n Statement (applicable if Item 3a or Item 4 is checked)							
			(Check either Item 5a or 5b)							
5a.			In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in							
			CA1 - 286763.							

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5.

a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

In accordance with 37 C.F.R. §1.97(e)(2), it is certified that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was known by any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

5b.

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7.

	fron kno indi	tained in this Information Disclosure Statement was cited in a communication in a foreign patent office in a counterpart foreign application and, to the wledge of the undersigned after making reasonable inquiry, was known by any ividual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing his Information Disclosure Statement.
□ This ap	plica	ation is a continuation application under 37 C.F.R. §1.60 or §1.53(b) or (d).
		(Check appropriate Items 6a, 6b and/or 6c)
6a.	_	A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith.
6b. □	, fil	pies of publications listed on Form PTO-1449 from prior application Serial No led on, of which this application claims priority under 35 U.S.C. §120, are not ng submitted pursuant to 37 C.F.R. §1.98(d).
6c.	0	Copies of the publications listed on Form PTO-1449 were not previously cited in prior application Serial No., filed on, and are provided herewith.
□ This is	s a Su	applemental Information Disclosure Statement. (Check either Item 7a or 7b)
7a.		This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on

7b.

This Supplemental Information Disclosure Statement is timely filed within one (1) month of a PTO Notice under 37 C.F.R. §1.97(i).

8.

In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

(Check Item 8a, 8b, or 8c)

8a.

satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.

- 8b. □ set forth in the application.
- 8c. \Box enclosed as an attachment hereto.
- 9.

 The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Pennie & Edmonds LLP Deposit Account No. 16-1150.
- 10.

 No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,

31,066

(Reg. No.)

Gary S. Williams

For: Francis E. Morris (Reg. No. 24,615)

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(650) 493 - 4935

						ATTY. DOCKET NO.	APPLICATION NO.							
•					9818-053-999	To be assigned								
	LIST (OF REFERENCES CITED	BY APPLIC		APPLICANT									
		(Use several sheets if n	ecessary)		Donald S. Fritz; SEMICONDUCTOR PACKAGE WITH STRESS									
					INHIBITING INTERMEDIATE MOUNTING SUBSTRATE									
						FILING DATE		GROUP						
						Filed Herewith	To be assigned.							
	U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE			NAME	SUBCLASS	FILHUE DATE						
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FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER	DATE			COUNTRY	CLASS	SUBCLASS	TRANSLATION					
									YES NO					
	OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)													
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-	AF	"Current Material (Ala	203) Issue,"	Kyocera	Corpo	ration Presentation Materi	ais (19	99).						
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		Available at an Afford	dable Price,"	IBM Micr	oelect	ronics product brochure (1998).							
	AH			-		Microelectronics, Intercor								
	\\ \tag{\chi}	http://www.chips.ibn	n.com/produ	cts/interc	onnec	t/documents/sc/pbga.htm	(Oct.	20, 1999).					
	AI	"Overmolded FC-BGA	Package Cr	oss Secti	on," A	SAT Presentation Materia	ıls.							
				3,000				NGK Sp	ark Plug					
	AJ	"SCI: Reliability & Design Guide," NTK Communication Media Components Group, NGK Spark Plug Co., Ltd. Presentation Materials.												
		"SolderOuik Column	Grid Array (C	CGA) " \M	inelow	Automation Inc. at								
	"SolderQuik Column Grid Array (CGA)," Winslow Automation, Inc., at http://www.winslowautomation.com/cga.htm (Sept. 29, 1998).													
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		al if reference considered, vand not considered. Include				rmance with MPEP 609; Draw	line thro	ugh citatior	n if not					
5511101		and not considered. Include	- John Or Hills I	** 1611 110		esector to applicants								